

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	<u>Dengue virus mutant strain MBU 01-2002</u>
<p>As the below named inventor(s), I/we declare that:</p> <p>This declaration is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or</p> <p><input type="checkbox"/> Application No. _____, filed on _____,</p> <p><input type="checkbox"/> as amended on _____ (if applicable);</p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>	

FULL NAME OF INVENTOR(S)	
Inventor one:	<u>Mrs. Poonsook Keelapang</u>
Signature: <u>P. Keelapang</u>	Citizen of: <u>Thailand</u>
Inventor two:	<u>Mr. Nopporn Sittisombut</u>
Signature: <u>Nopporn Sittisombut</u>	Citizen of: <u>Thailand</u>
Inventor three:	<u>Mr. Watchara Kasinrerk</u>
Signature: <u>W. Kasinrerk</u>	Citizen of: <u>Thailand</u>
Inventor four:	<u>Mr. Prida Malasit</u>
Signature: <u>P. Prida</u>	Citizen of: <u>Thailand</u>
<input type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Power of Attorney

Made at National Science and Technology Development Agency

Date July 15, 2003

By means of this letter, The National Science and Technology Development Agency (NSTDA) by Mr. Pairash Thajchayapong - the President of NSTDA - located at Science Park, 111 Phaholyothin Rd., Klong 1, Klong Luang, Pathumthani 12120, Thailand and The Thailand Research Fund (TRF) by Mr. Piyawat Boon-Long - the Director of TRF - located at SM Tower Building, 14th floor, Phaholyothin Rd., Phayathai, Bangkok, 10400, Thailand (hereinafter called "the Appointer") do mutually hereby appoint and empower Mr. Nopporn Sittisombut, a researcher of Department of Microbiology, Faculty of Medicine, Chiang Mai University, Thailand to prosecute, on behalf of NSTDA and TRF, the patent application entitled "*Dengue virus mutant strain MBU 01-2002*" and to transact all businesses before the U.S. Patent and Trademark Office related thereto.

As evidence in this matter, all parties hereunder sign their names and affix seals in the presence of witnesses, at the place and on the date mentioned above

Signed P. Thajchayapong Appointer
(Mr. Pairash Thajchayapong)
President
National Science and Technology
Development Agency

Signed P. Boon-Long Appointer
(Mr. Piyawat Boon-Long)
Director
Thailand Research Fund

Signed Nopporn Sittisombut Appointee
(Mr. Nopporn Sittisombut)

Signed P. Keelapang Witness
(Mrs. Poonsook Keelapang)

Signed W. Kasinrerak - Witness
(Mr. Watchara Kasinrerak)

ASSIGNMENT OF APPLICATION

Docket Number:: ThaiBiotec004

Whereas, I, Mr. Nopporn Sittisombut, hereafter referred to as applicant, have invented certain new and useful improvements in Dengue virus mutant strain MBU 01-2002 for which an application for a United States Patent is submitted with this assignment.

Whereas,

National Science and Technology Development Agency (NSTDA)
herein referred to "assignee" whose mailing address is

111 Paholyothin Rd.
Klong 1, Klong Luang
Pathumthani 12120 Thailand

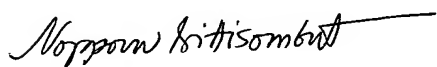
And Thailand Research Fund (TRF) herein referred to "assignee" whose mailing address is

979 SM Tower Condominium 14th Fl.
Paholyothin Rd. Phayathai,
Bangkok 10400 Thailand

Both NSTDA and TRF are desirous of acquiring the entire right, title and interest in the same.

I, the applicant, by these presents do sell, assign and transfer unto said assignees the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignees, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this fifteen day of July 2003 at Chiang Mai University, Thailand.



(Mr. Nopporn Sittisombut)

Total of 4 forms are submitted.

ASSIGNMENT OF APPLICATION

Docket Number:: ThaiBiotec004

Whereas, I, Mr. Watchara Kasinrerker, hereafter referred to as applicant, have invented certain new and useful improvements in Dengue virus mutant strain MBU 01-2002 for which an application for a United States Patent is submitted with this assignment.

Whereas,

National Science and Technology Development Agency (NSTDA)
herein referred to "assignee" whose mailing address is

111 Paholyothin Rd.
Klong 1, Klong Luang
Pathumthani 12120 Thailand

And Thailand Research Fund (TRF) herein referred to "assignee" whose mailing address is

979 SM Tower Condominium 14th Fl.
Paholyothin Rd. Phayathai,
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I, the applicant, by these presents do sell, assign and transfer unto said assignees the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignees, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this fifteen day of July 2003 at Chiang Mai University, Thailand.



(Mr. Watchara Kasinrerker)

Total of 4 forms are submitted.